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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

BRADY et al

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Group:

National Phase of: **PCT/GB00/00617**

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Filed: **August 29, 2001**

Examiner:

For: **X-RAY IMAGE PROCESSING**

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August 29, 2001

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

PRELIMINARY AMENDMENT

Prior to calculation of the filing fee and in order to place the above identified application in better condition for examination, please amend the claims as follows:

IN THE CLAIMS

Please cancel claims 1 through 66 and substitute therefor the following new claims:

67. (New) A method of correcting a digital representation of an x-ray image for degradation caused by a digitiser, the digital representation being a measurement of the image density for each of a plurality of pixels of the image, the measurement being obtained by illuminating the image, measuring the attenuation of the light by the image and calculating from the attenuated light values the image density, the method comprising the steps of:

calculating from the pixel values in the digital representation the value of the intensity of said attenuated light corresponding to each pixel;